

Minutes
Rapid City Area Air Quality Board
October 17, 2016

Members Present: Donna Kliche, Bill Waugh, Clint Beck, Mike Pogany

Members Absent: John Roberts, Lyndell Petersen, Brad Schultz

Others Present: Michelle Tech, Jon Epp, Brad Solon

1. Call to Order

Bill Waugh called the meeting to order at 11:58 am after it was determined that a quorum was present.

2. Approval of March 7, 2016 Minutes

Mike Pogany moved and Clint Beck seconded the motion to approve the minutes from March 7, 2016. The motion was unanimously approved.

3. Approval of Meeting Agenda

A motion was made by Donna Kliche and Mike Pogany seconded the motion to approve the agenda. The motion was unanimously approved.

4. Reports from the Department of Environmental and Natural Resources, Staff and Committee

Jon Epp reviewed the October 17, 2016 Rapid City Area Air Monitoring Report from DENR.

a. 2016 High Wind Dust Alerts

Six High Wind Dust Alerts have been called so far this year through the end of September. The concentrations on all alert days were below the PM10 standard.

b. Air Monitoring Report for PM10 and PM2.5

So far in 2016, six high wind dust alerts were called, with PM10 and PM2.5 concentrations being below the standards on all of those alert days. The highest 24-hour PM10 concentration recorded so far this year was 155.8 ug/m³ on 5/6/2016, which was not a high wind dust alert day. This is the second sampling day with concentrations greater than the 24-hour PM10 standard in the last two years of testing. Because Credit Union now has two exceedances in two years the site is dangerously close to a violation of the standard. The department will conduct a review of the Natural Events Action Plan for Rapid City this year to determine if the fugitive dust controls are adequate or need to be revised. The new upwind monitoring site in Black Hawk shows the significant difference in the PM10 concentration between there and the Credit Union site, demonstrating the overall contribution to the ambient air concentrations from the quarry area. Average quarterly PM10 concentration level for all quarters in 2016 are lower than 2015 levels. All of the 24-hour sample concentrations of PM2.5 were less than the standard. The highest 24-hour PM2.5 concentration level was recorded on 5/7/2016 at 26.4 ug/m³, which may have been impacted by wildfire smoke transported into South Dakota. The quarterly average for 1st quarter is the same as in 2015. The 2nd quarter is less this year than in 2015, and the 3rd quarter shows the largest decrease in concentration since last year, which was attributable to transported wildfire smoke last year.

c. EPA and State Activities

The EPA revised the ozone primary and secondary standards by setting a daily maximum 8-hour average concentration in the range of 0.070 ppm. Statewide concentrations for ozone in 2015 show attainment of the revised standard. The Black Hawk site has a concentration level of 0.059 parts per million. The highest concentration site in the state was the School Site in Sioux Falls at 0.064 ppm. The lowest is at the Badlands Site at 0.058 ppm.

The department will complete a review of the Natural Events Action Plan for Rapid City in 2016/2017. The department will provide updates on the review and an overview of the findings and changes if necessary to the plan at a Rapid City Air Quality Board meeting when completed.

Michelle Tech summarized the four staff reports. There are 50 active permits at the time of reporting and 42 new permits issued since last meeting. Tech performed 231 inspections of the permitted sites since the last meeting. Four complaints were fielded during that time period, three regarding dust complaints and one smoke.

5. Old Business

- a. None.

6. New Business:

- a. Clint Beck and Mike Pogany were recognized and presented Warrant of Appointment certificates as new board members. The Board is in need of three additional voting members to be appointed, one from industry, one from the business sector, and one that the County will appoint. Those three positions will have to be re-advertised by the Mayor's office and County Commission, as no applications were received when last advertised.
- b. The 2017 State Pass-Through Agreement was signed by the City and Board, to be forwarded for signature by the State.
- c. Tech recommended acknowledgement of the annual Compliance Plan Permit inspections for Heavy Constructors, Neff Pit, and RCS Storage.
- d. Tech recommended approval of those three Compliance Plan Permit renewals. **Bill Waugh moved to approve the applications and Donna Kliche seconded. The motion was unanimously approved and the applications were signed by the board chair, Bill Waugh.**
- e. **Mike Pogany volunteered to serve as the new Chair and the board unanimously approved.** Election of the Chair-Elect has been deferred to the next meeting.

7. Items from Board Members

None.

8. Items from the Floor

Page 3

No items from the floor.

Adjournment

There being no further business, Bill Waugh adjourned the meeting at 12:18 pm.